

RN03041
Serial number: 10/552,520
AMENDMENT

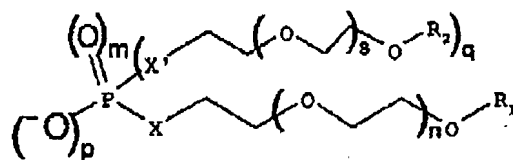
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-9 (Canceled)

10. (Currently amended) A process for the preparation of an adhesive composition comprising the step of successive or simultaneous addition to said composition of: an isocyanate composition a) with a mass content of N=C=O function of between 10% and 30%, ~~optionally from 15% to 25%~~, and with a viscosity of not more than 2500 mPa.s, and a surfactant b) comprising a compound or a mixture of compounds of mean general formula:



wherein:

p represents a value between 1 and 2 (closed intervals, i.e. comprising the limits);

m represents zero or 1;

the sum $p+m+q$ is equal to 3;

the sum $1+p+2m+q$ is equal to 3 or 5, optionally 5;

X is an oxygen;

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X' is an oxygen;

n and s have the same statistical value, chosen between 5 and 30, advantageously between 5 and 25 and optionally between 9 and 20 wherein R_1 and R_2 , which are identical, are chosen from optionally-substituted aryl radicals, and

R_1 and R_2 represent an alkylaryl of 10 to 20 carbon atoms.

11. (Currently amended) The process as claimed in claim 10, wherein the viscosity is not more than 2000, ~~optionally not more than 1200 mPa.s.~~

12. (Currently amended) The process as claimed in claim 10, wherein the mass of the agent b) (numerator) and the mass of composition a) (denominator) have a ratio ranging from 2% to 10% ~~and optionally, from 3% to 7%.~~

13. (Previously presented) The process as claimed in claim 10, wherein the sum $p+q$ is equal to 2.

14. (Currently amended) The process as claimed in claim 10, wherein said isocyanate composition a) comprises at least 50%, ~~optionally 70%~~, by mass of oligomers chosen from hetero- and homooligomers in which at least one of the monomers is an aliphatic monomer bearing at least two isocyanate functions and in which the skeleton, on the shortest trajectory connecting two isocyanate functions, comprises at least one polymethylene sequence of at least two methylene chain units $(CH_2)_\pi$ ($\pi \geq 2$), which is exocyclic when the monomer comprises a ring.

15. (Previously presented) The process as claimed in claim 10, wherein said isocyanate composition a) further comprises a portion of reactive solvent comprising at least one molecule chosen from dimers, bis-dimers, polymethylene diisocyanate

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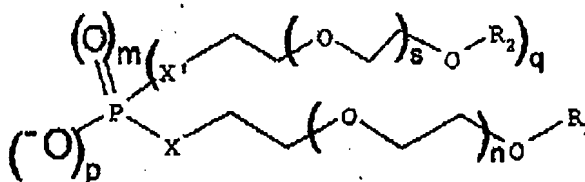
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monoalophanates and di-, tri- or tetra-functional monomers with a molecular mass at least equal to 200.

16. (Previously presented) The process as claimed in claim 15, wherein said portion represents a portion ranging from 5% to 20% by mass of the isocyanate composition a).

17. (Currently amended) The process as claimed in claim 14, wherein the dimers and bis-dimers represent by mass from 5% to 20% ~~and optionally at least 7%~~ of the composition a).

18. (Currently amended) An adhesive composition, comprising:
an isocyanate composition a) with a mass content of N=C=O function of between 10% and 30% and with a viscosity of not more than 2500 mPa.s;
a surfactant b) comprising 50% by mass of a compound or mixture of compounds of general formula:



wherein:

p represents an integer between 1 and 2;

m represents 0 or 1;

the sum $p+m+q$ is equal to 3;

the sum $1+p+2m+q$ is equal to 3 or 5, ~~optionally to 5~~;

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X is an oxygen;

X' is an oxygen;

n and s, which are identical or different, represent an integer chosen between 5 and 30, ~~optionally between 9 and 20~~, wherein R₁ and R₂, which are identical, are chosen from ~~optionally substituted~~ aryl radicals,

R₁ and R₂ represent an alkylaryl of 10 to 20 carbon atoms; and
an aqueous phase with a pH of between 4 and 9.

19. (New) The process as claimed in claim 11, wherein the viscosity is not more than 1200 mPa.s.

20. (New) The process as claimed in claim 12, wherein the mass of the agent b) (numerator) and the mass of composition a) (denominator) have a ratio ranging from 3% to 7%.

21. (New) The process as claimed in claim 18, wherein n and s represent an integer chosen between 9 and 20.

22. (New) A process for bonding wood or elastomer comprising the step of coating said wood or elastomer with an efficient bonding quantity of an adhesive composition, comprising:

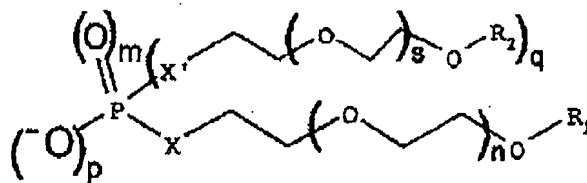
an isocyanate composition a) with a mass content of N=C=O function of between 10% and 30% and with a viscosity of not more than 2500 mPa.s;

a surfactant b) comprising 50% by mass of a compound or mixture of compounds of general formula:

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wherein:

p represents an integer between 1 and 2;

m represents 0 or 1;

the sum $p+m+q$ is equal to 3;the sum $1+p+2m+q$ is equal to 3 or 5

X is an oxygen;

X' is an oxygen;

n and s, which are identical or different, represent an integer chosen between 5 and 30,

wherein R_1 and R_2 , which are identical, are chosen aryl radicals, R_1 and R_2 represent an alkylaryl of 10 to 20 carbon atoms; and

an aqueous phase with a pH of between 4 and 9.